

June 1, 2017

TO: All Bidders

RE: Informal Bid 2017-12 Addendum # 1

ADDENDUM NO. 1

This **ADDENDUM #1** forms part of Moore County's Informal Bid for Well SCADA Project for the County of Moore Public Works Department. All requirements of the original specifications remain in effect in their respective order. **Receipt of this Addendum must be acknowledged by its inclusion with the Informal Bid and noted as an inclusion on the sealed envelope.**

The following changes and/or clarifications are hereby made to the original Informal Bid:

- **Please disregard section 1.05 B on page 11 of the bid document. No cellular compatibility is required.**
- **Section 2.01 B 2a of Part Two on page 12 is revised as below:**
 - a. Six (6) Well Sites: At the six (6) well sites, furnish and install one (1) NEMA 4X Well RTU Panels, UL-508A certified and one programmable expandable PLC capable of monitoring and controlling the following:
 - 1. 10 Digital Inputs, 24VDC
 - a. Well Pump Running
 - b. HOA Status
 - c. Motor Fail/Overload
 - d. Phase Fail/Power Fail
 - e. Chlorine Pump Running (where available)
 - f. Caustic Pump Running (where available)
 - g. Phosphate Pump Running (where available)
 - h. Flow Total Pulse (from Owner hardware)
 - i. Spare
 - 2. 6 Digital Outputs, Relay
 - a. Well Pump Call
 - b. Chemical Pump Call
 - 3. 4 Analog Inputs, 4-20mA
 - a. Flow Rate (future)
 - b. Discharge Pressure (from Owner hardware)
 - c. Well Level (future)
 - d. Cell Signal Strength
 - 4. Ethernet Interface
 - 5. Real-Time Data Management
 - 6. IEC 61131-3 programming languages
 - a. Ladder Diagram
 - b. Function Block Diagram
 - c. Sequential Function Chart
 - 7. Calculated Values to SCADA
 - a. Total Flow
 - b. Daily Flow
 - c. Fail to Run

- d. Runtime
- e. Start Count
- f. Chemical Pump Fail to Run
- g. Flow Fail
- 8. Interposing Relays as Required
- 9. (1) One 24VDC Power Supply
- 10. (1) One Industrial Data Radio
- 11. (1) One UPS
- 12. Surge Protection

1. Question: Is there a cost estimate/budget available?

Answer: Anticipated budget of \$84,000. This budget has not been approved.

2. Question: When do you expect work to begin?

Answer: Anticipated start date July/August 2017.

No further questions will be accepted. Sealed Bids are due to Terra Vuncannon at 206 South Ray Street Carthage NC 28327 by 4:00 pm Friday June 9, 2017. Opening will not be public.

END OF ADDENDUM NO. 1

Terra Vuncannon
Purchasing Manager
County of Moore